

1 (April 3, 2006)

2 Section 8-01.3 is supplemented with the following:

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4 ***Treatment of pH for Concrete Work***

5 Stormwater or dewatering water that has come in contact with concrete rubble, concrete
6 pours, concrete grindings or cement treated soils shall be maintained between pH 6.5
7 and pH 8.5 before it is allowed to enter surface waters and discharges shall not cause a
8 receiving water pH change of more than 0.2 pH units.
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10 The Contractor shall test runoff during each rain event causing runoff to leave the
11 project site during concrete pouring, grinding, rubblizing activities, when soils are being
12 treated with cement and during the first three storms following those activities. If
13 discharging directly to surface waters or to a storm sewer system, the Contractor shall
14 test the pH of the water, as a first order of work, at the point of discharge, once the pour
15 or grinding has begun for each shift, and periodically, as requested by the Engineer,
16 thereafter. If a test indicates the pH is above 8.5, the Contractor shall immediately
17 discontinue work and initiate treatment according to the plan to lower the pH.
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19 Unless specific measures are identified in the Special Provisions, the pH of water may
20 be reduced by infiltration, dispersion in vegetation or compost, or by pumping to a
21 sanitary sewer system. If water is pumped to the sanitary sewer, the Contractor shall
22 provide, at no cost to the Contracting Agency, a copy of permits and requirements for
23 placing the material into a sanitary sewer system prior to beginning the work.
24

25 Work may resume, with treatment, once the pH of the treated material is between 6.5
26 and 8.5 or it can be demonstrated that the runoff will not reach surface waters.